

Title: SUGAR-CHAIN-ALTERED ANTI-
HM1.24 ANTIBODY
Inventor(s): Masayuki TSUCHIYA et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 053466-0412

Fig.1

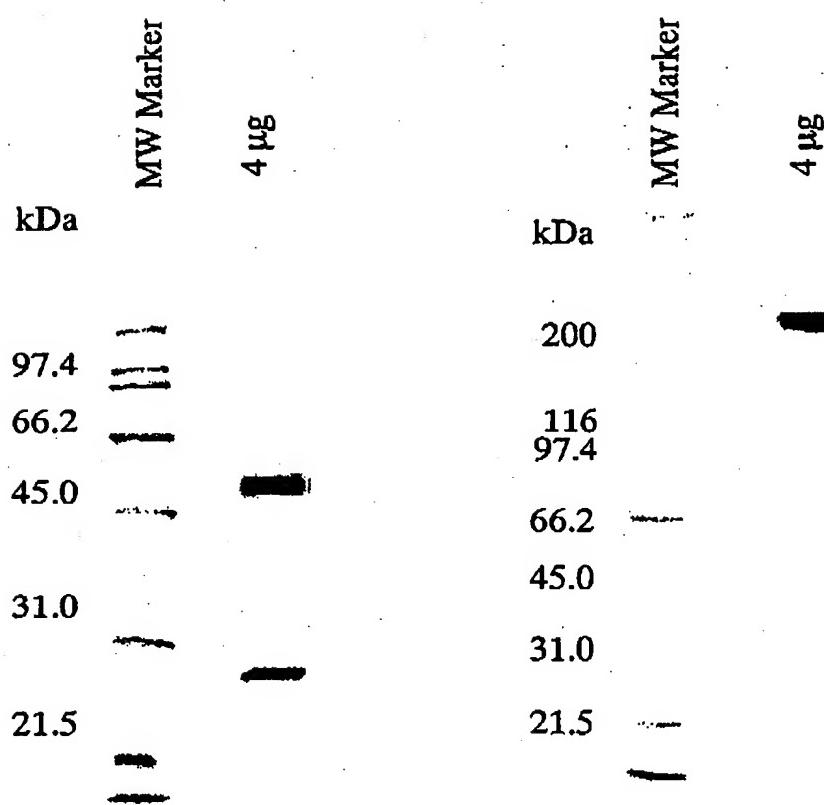
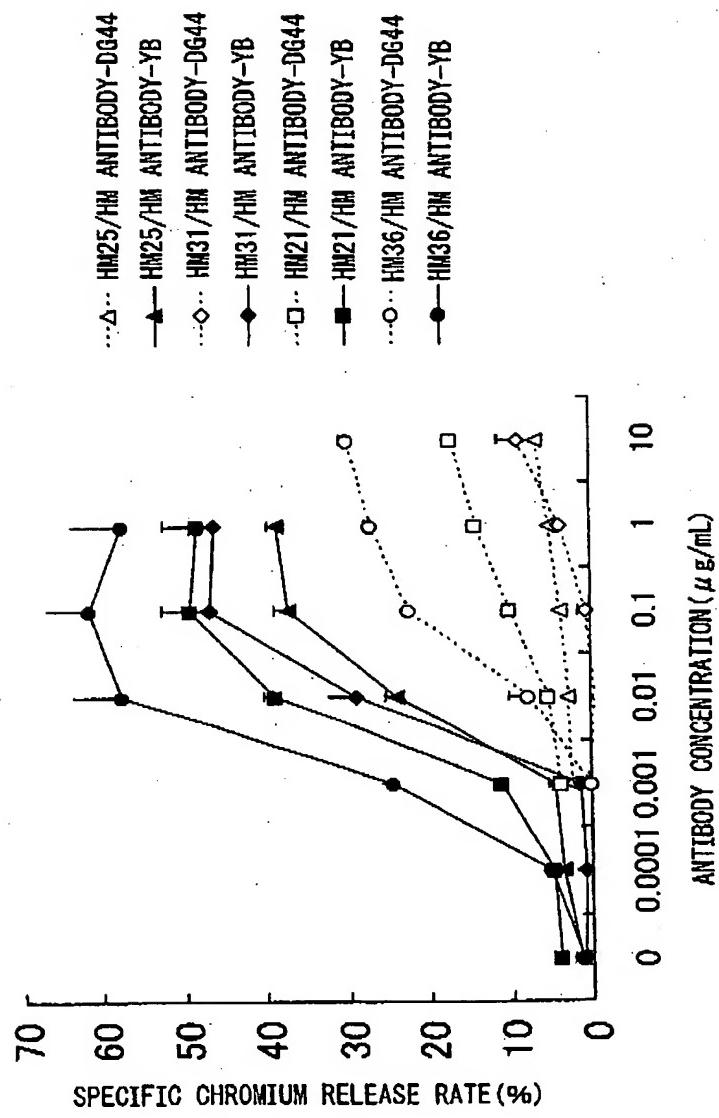


Fig.2



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Fig.3

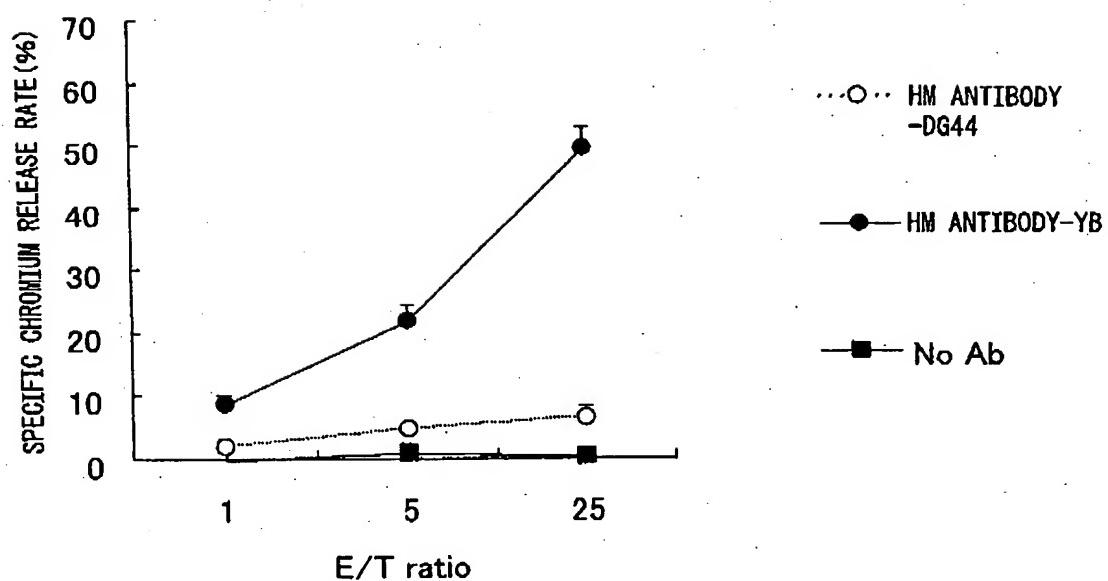


Fig.4

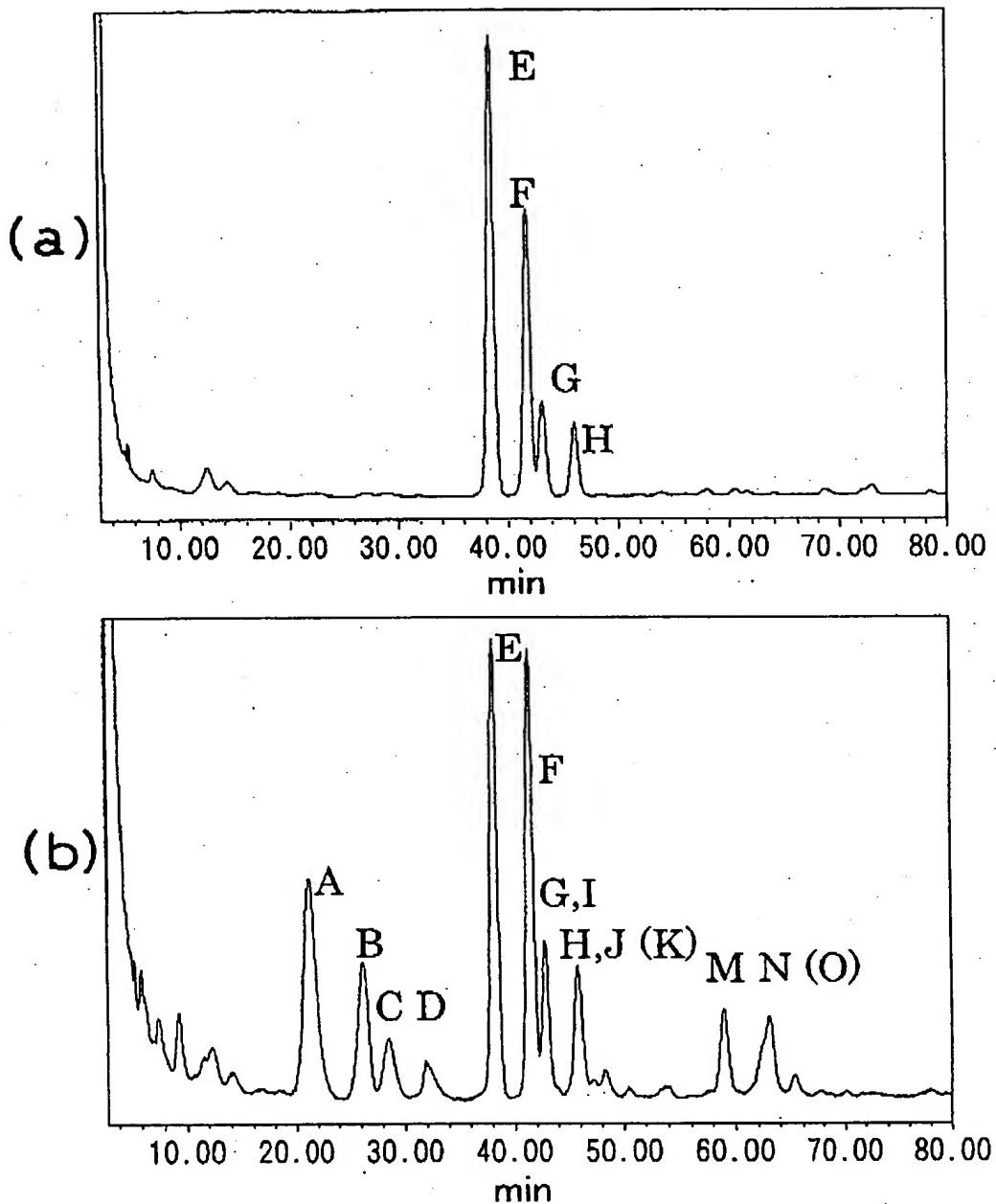


Fig.5

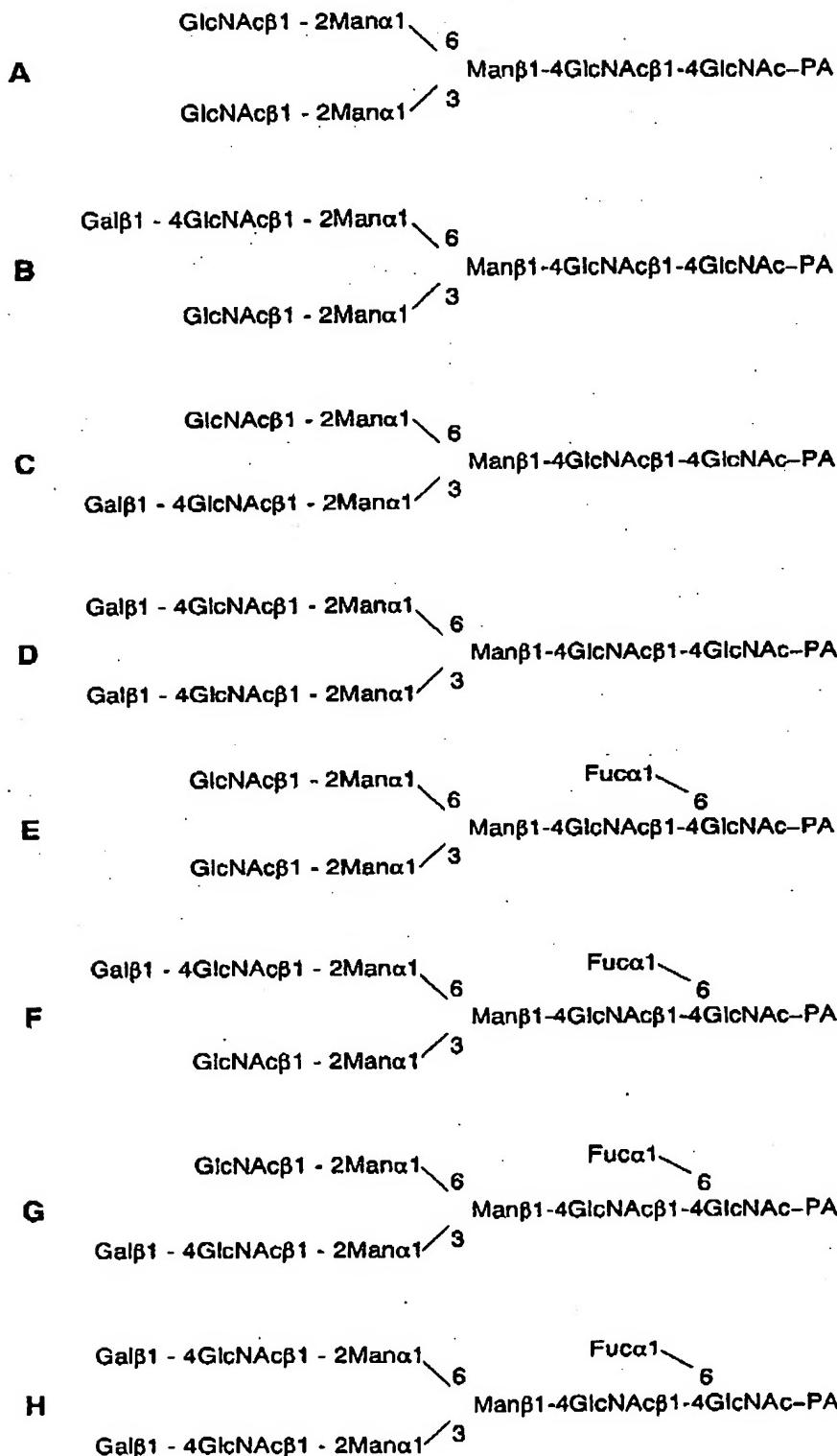


Fig.6

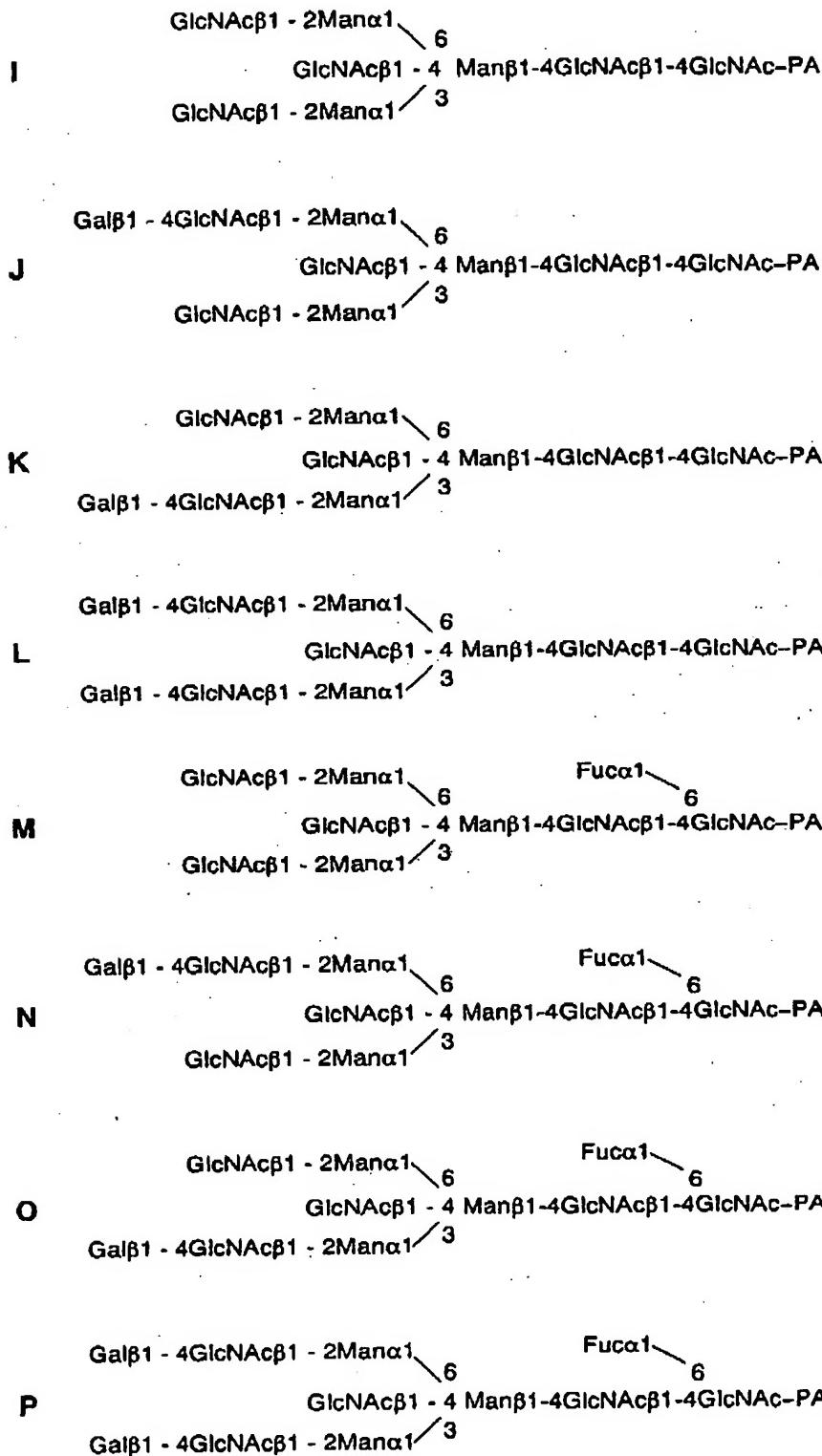


Fig. 7

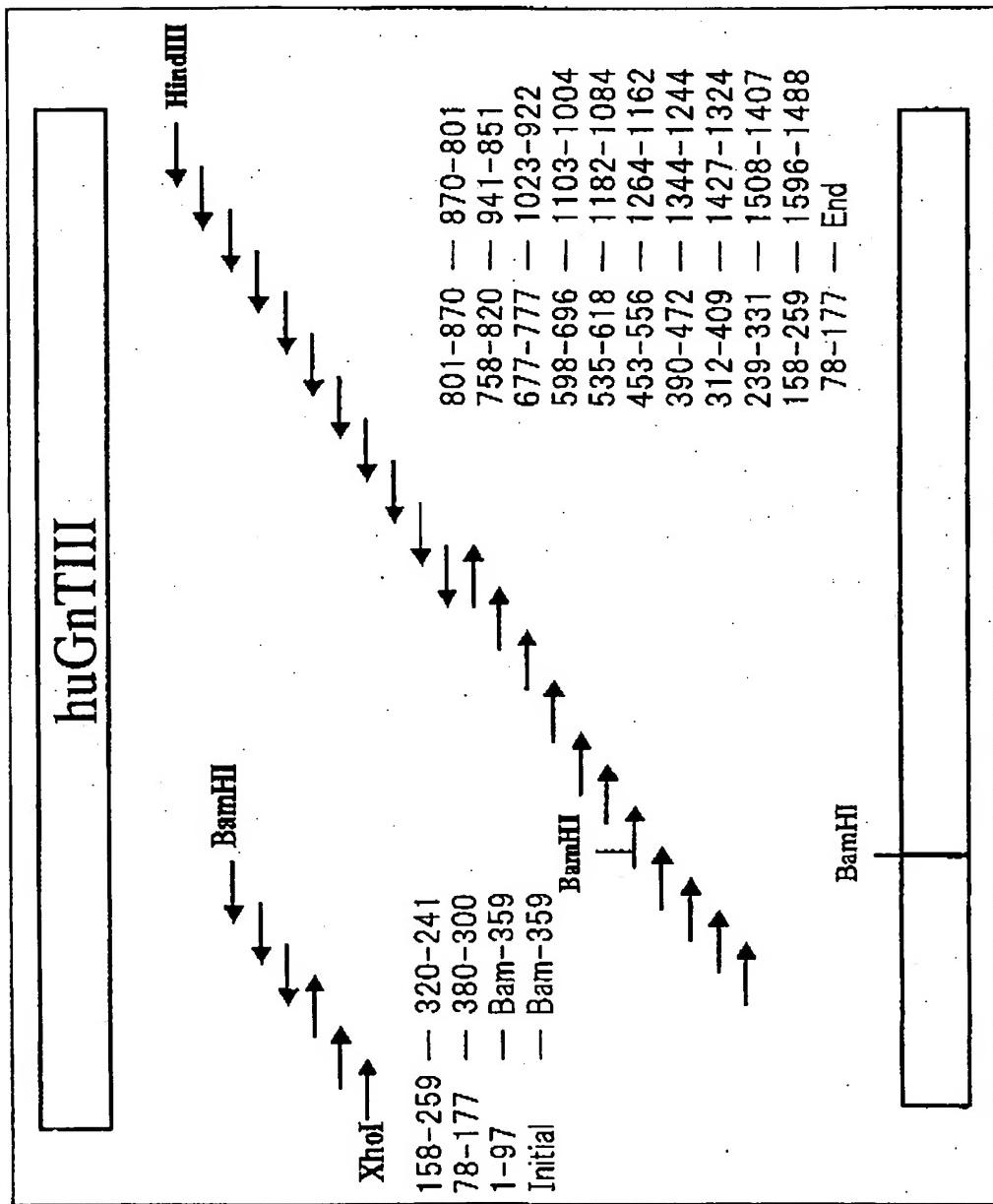


Fig.8

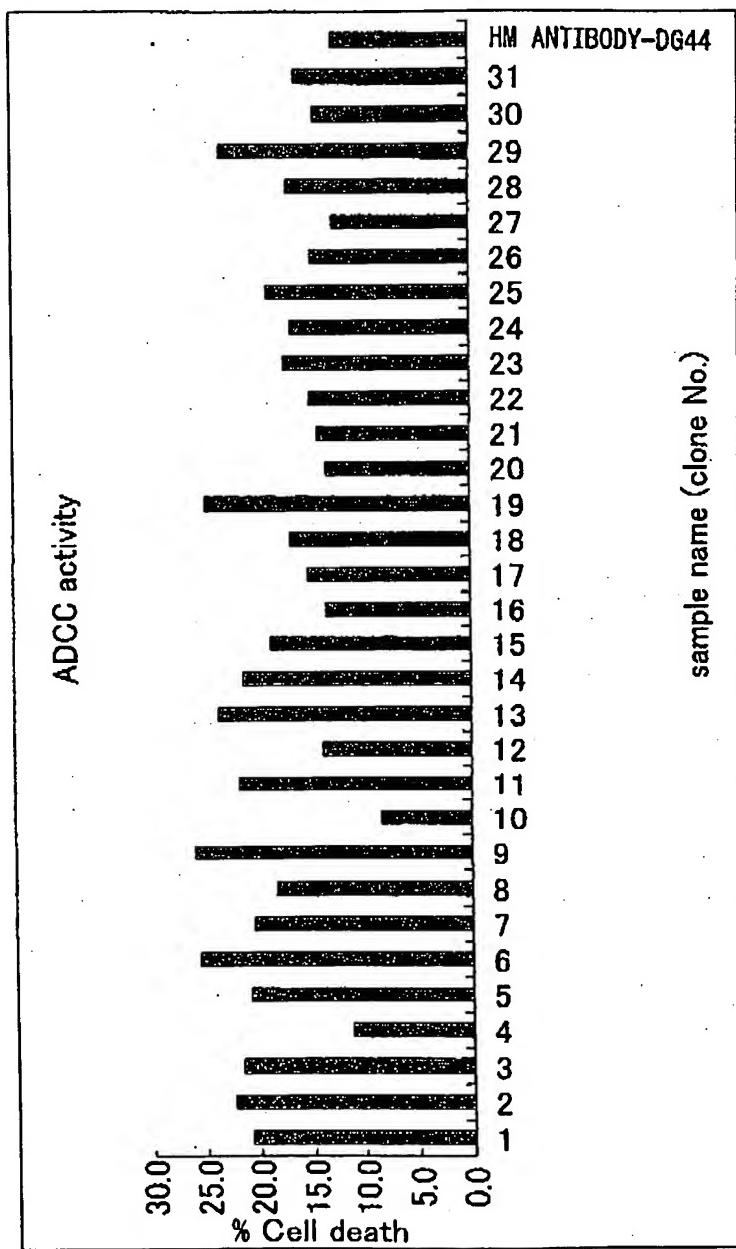


Fig.9

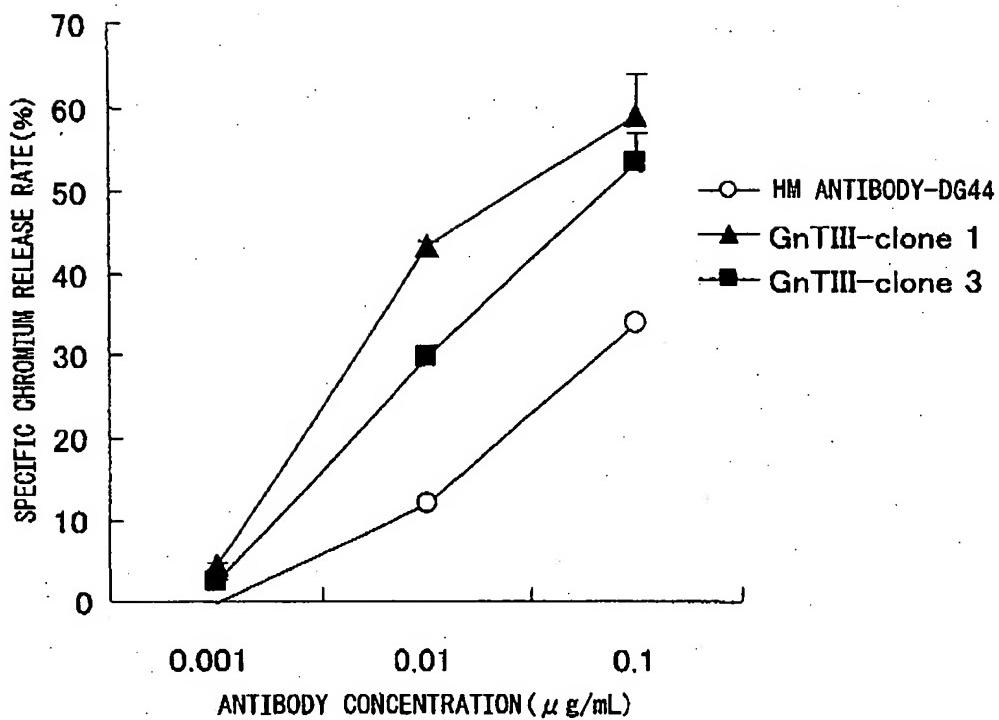


Fig.10

GnTIII mut.nuc 1:ATGAGACGGCTACAAGCTCTTTCATGTTCTGTATGGCCGGCTGTGCCTCATCTCCCTTC 60
GnTIII ori.nuc 1:ATGAGACGGCTACAAGCTCTTTCATGTTCTGTATGGCCGGCTGTGCCTCATCTCCCTTC 60

GnTIII mt.nuc 61:CTGCACTTCTTCAAGACCCCTGTCCTATGTCAACCTCCCACGAGAACTGGCCTCCCTCAGC 120
GnTIII ori.nuc 61:CTGCACTTCTTCAAGACCCCTGTCCTATGTCAACCTTCCCCGAGAACTGGCCTCCCTCAGC 120

GnTIII mt.nuc 121:CCTAACCTGGTGTCCAGCTTTCTGGAAACAATGGCCCGGTCAAGGCCAGGCCCT 180
GnTIII ori.nuc 121:CCTAACCTGGTGTCCAGCTTTCTGGAAACAATGGCCCGGTCAAGGCCAGGCCCT 180

GnTIII mt.nuc 181:GAGCCAGGAGGCCCTGACCTGCTGCGTAACCCACTCTACTCCACTCGCCCTGCTGCAG 240
GnTIII ori.nuc 181:GAGCCAGGAGGCCCTGACCTGCTGCGTAACCCACTCTACTCCACTCGCCCTGCTGCAG 240

GnTIII mt.nuc 241:CCGCTGCCGCCAGCAAGGGGCCAGGGAGGTCAACGGGGACTTGGACTGGTGTGCCGAG 300
GnTIII ori.nuc 241:CCGCTGCCGCCAGCAAGGGGCCAGGGAGGTCAACGGGGACTTGGTGTGCCGAG 300

Fig.11

GnTIII mt.nuc 301:GACACCACCGAGTATTTCGTGGCACCAAGGCTGGAGGGCTCTGGTTCAAACCCGGCACC 360
GnTIII ori.nuc 301:GACACCACCGAGTATTTCGTGGCACCAAGGCTGGAGGGCTCTGGTTCAAACCCGGCACC 360

GnTIII mt.nuc 361:AGGATGCTGGAGAGCCGCCTCCGGACCGACGGAGAAGCTGAGGGGGCAACGGGA 420
GnTIII ori.nuc 361:AGGATGCTGGAGAGCCGCCTCCGGACCGACGGAGAAGCTGAGGGGGCAACGGC 420

GnTIII mt.nuc 421:TCCTCGGCCCCGGGACCAACCCGGTACCTCCCTGAGGCCACGGGGAGGCACCGGGCGA 480
GnTIII ori.nuc 421:TCCTEGGCCCCGGGACCAACCCGGTACCTCCCTGAGGCCACGGGGAGGCACCGGGCGA 480

GnTIII mt.nuc 481:GGTGCACGACGCAAGTGGTGGAGTGGCTGCCCCTGTCGCTGGCACGGACCCAGCTGC 540
GnTIII ori.nuc 481:GGCCTGGGGCAAGTGGTGGAGTGGCTGCCCCTGTCGCTGGCACGGACCCAGCTGC 540

GnTIII mt.nuc 541:GGCGTGCCTACTGTGGTGCAGTATTCCAACTGCTACRAGGAGGGCTGGTGCCTGGG 600
GnTIII ori.nuc 541:GGCGTGCCTACTGTGGTGCAGTACTCCAACCTGCCAACCAAGGAGGGCTGGTGCCTGGG 600

11/15

Fig.12

GnTIII mt.nuc 601:GAGGTGCCGCCGCTCATTAATGCTATAACGTCAACCACGAGTTGACCTGCTGGAC 660
GnTIII ori.nuc 601:GAGGTGCCGCCGCTCATCAACGCCATCAACCGTCAACCACGAGTTGACCTGCTGGAC 660

GnTIII mt.nuc 661:GTGGCGCTTCCACGAGCTGGGCACCTGGTGCTGGAGTCCAACTTC 720
GnTIII ori.nuc 661:GTGGCGTTCCACGAGCTGGGCACCTGGTGCAACGCTTGTGGTGTGGAGTCCAACTTC 720

GnTIII mt.nuc 721:ACGGGCTTATGGGGAGCCGGCCGGCTCAAGTTCCGGAGATGCTGACCAATGGCACCTTC 780
GnTIII ori.nuc 721:ACGGGCTTATGGGGAGCCGGCCGGCTCAAGTTCCGGAGATGCTGACCAATGGCACCTTC 780

GnTIII mt.nuc 781:GAGTACATCCGCCACAAGGTGCTCATGGTCTTCCCTGGACCACTTCCCTGGAGGGACGA 840
GnTIII ori.nuc 781:GAGTACATCCGCCACAAGGTGCTCATGGTCTTCCCTGGACCACTTCCCGGGCCGG 840

GnTIII mt.nuc 841:CAAGATGGATGGATGCCGACGACTACCTGGCACCTTCCTCACCCAGGACGGCGTCTCG 900
GnTIII ori.nuc 841:CAGGACGGCTGGATGCCGACGACTACCTGGCACCTTCCTCACCCAGGACGGCGTCTCG 900

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Fig.13

GnRIII mt.nuc 901:CGGGCTGCGCAACCTGGGCCGAGCACGTCTTCATCATTTGACGATGGGGACGAGATCCCG 960
GnRIII ori.nuc 901:CGGGCTGCGCAACCTGGGCCGAGCACGTCTTCATCATTTGACGATGGGGACGAGATCCCG 960

GnRIII mt.nuc 961:GCCCGGTGACGGCGCCTGTCCTCAAGGCTCTACGATGGCTGGACCGAGGCCCTTGCCTTC 1020
GnRIII ori.nuc 961:GCCCGGTGACGGCGCCTTTCCTCAAGGCTCTACGATGGCTGGACCGAGGCCCTTGCCTTC 1020

GnRIII mt.nuc 1021:CACATGGCACGGTCTACGGATTCTTGGAAAGCAACCGGGCACCTGGAGGGTG 1080
GnRIII ori.nuc 1021:CACATGGCACGGTCTACGGCTCTACGGCTCTCTGGAGGGCACCTGGAGGTGGTG 1080

GnRIII mt.nuc 1081:TCAGGGCTGCACGGTGGACATGCTGCAGGGCACTGGCTGGATGGCTGGACGGCATCGGCCTGGCGC 1140
GnRIII ori.nuc 1081:TCAGGGCTGCACGGTGGACATGCTGCAGGGCACTGGCTGGACGGCATCGGCCTGGCGC 1140

GnRIII mt.nuc 1141:CGCCGCCAACATTACACCCATGCCAACCTGAGAATGAGAACGGCACGGACATC 1200
GnRIII ori.nuc 1141:CGCCGCCAACATTACACCCATGCCAACCTGAGAAGCTATGAGAACGGCACGGACATC 1200

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Fig.14

GnTRII mt.nuc 1201:CTGGTGCAGTGGTCGCTGGCAGCCCCCTTCACTTCGCCGGCTGGCACACTGCTCCTGGTGC 1260
GnTRII ori.nuc 1201:CTGGTGCAGTGGTCGCTGGCAGCCCCCTTGCACACTGCCGGCTGGCACACTGCTCCTGGTGC 1260

GnTRII mt.nuc 1261:TTCACGGCCGAGGGCATCTACTTCAGGCTCGTGTCCGGCCAGAATGGCAGACTTCCCACGCC 1320
GnTRII ori.nuc 1261:TTCACGGCCGAGGGCATCTACTTCAGGCTCGTGTCCGGCCAGAATGGCAGACTTCCCACGCC 1320

GnTRII mt.nuc 1321:TGGGGTGAAGTACGAGGACAAGGGGACCTGAACATACATCCGGGGCTGATCCGCACCGGG 1380
GnTRII ori.nuc 1321:TGGGGTGAAGTACGAGGACAAGGGGACCTGAACATACATCCGGGGCTGATCCGCACCGGG 1380

GnTRII mt.nuc 1381:GGCTGGTTCGACGGCACGCAGAACAGTACCCGCTGGAGACAGCCCCAGGGGACATGTAT 1440
GnTRII ori.nuc 1381:GGCTGGTTCGACGGCACGGAGTACCCGGCTGGAGACAGCCCCAGGGGACATGTAT 1440

GnTRII mt.nuc 1441:GCGCCCAAGTACCTGCTGAAGAACTACGACCCGGTTCCACTACCTTCTGGACAACCCCTAC 1500
GnTRII ori.nuc 1441:GCGCCCAAGTACCTGCTGAAGAACTACGACCCGGTTCCACTAACCTGCTGGACAACCCCTAC 1500
